Fig. 1

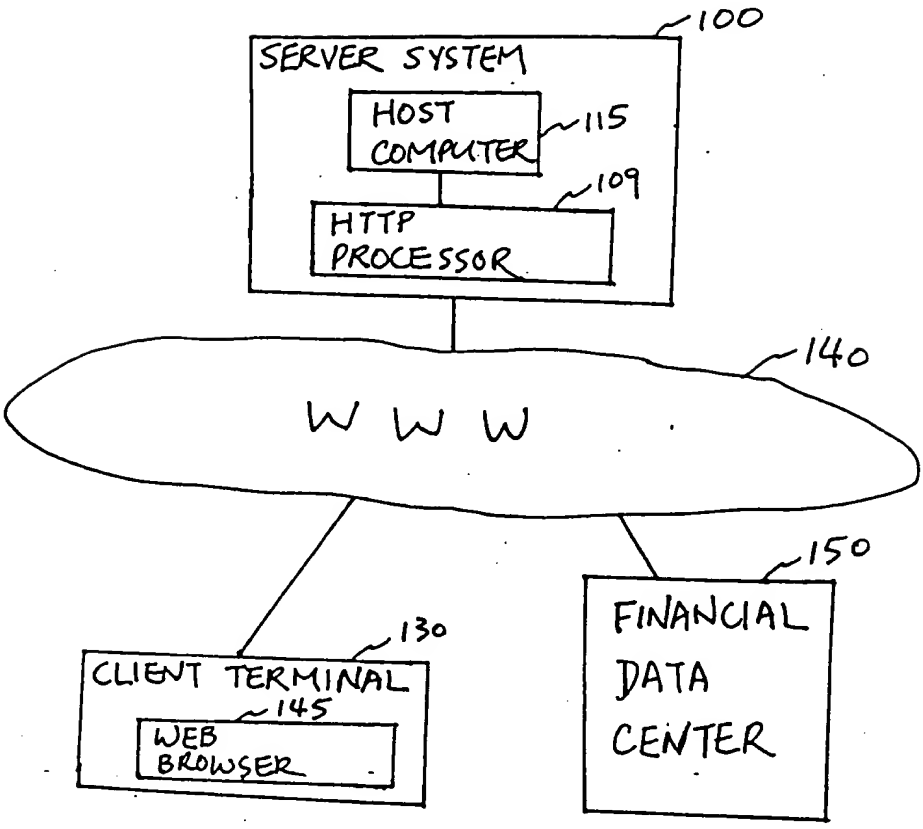

100
SERVER SYSTEM
HOST COMPUTER
115
109
HTTP PROCESSOR
140
W W W
150
FINANCIAL DATA CENTER
130
CLIENT TERMINAL
145
WEB BROWSER

Fig. 2

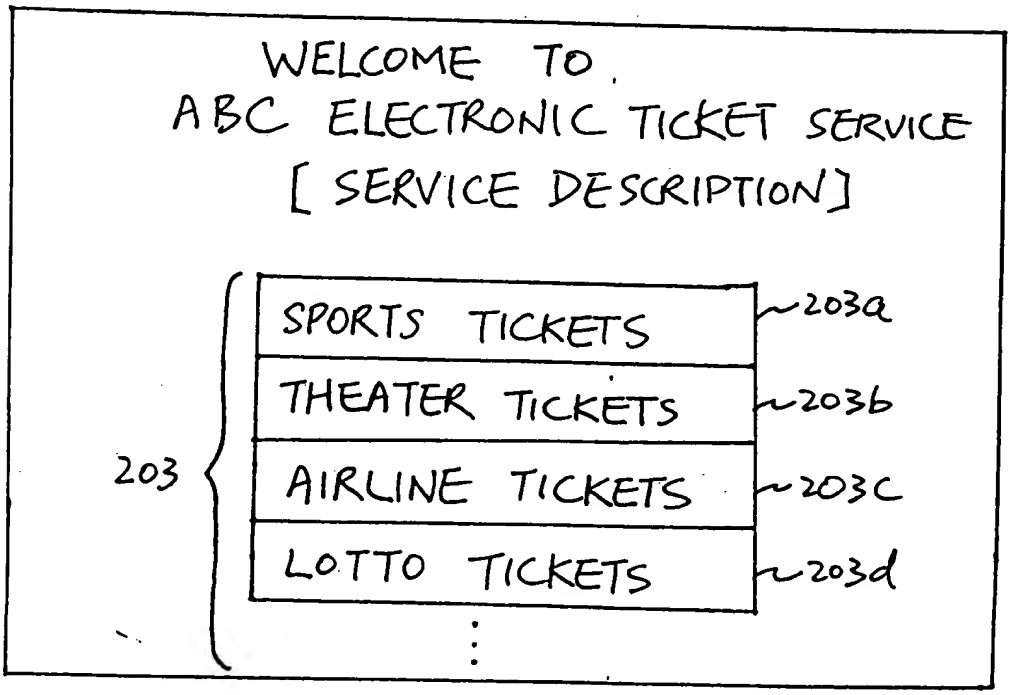

WELCOME TO
ABC ELECTRONIC TICKET SERVICE
[SERVICE DESCRIPTION]
203
SPORTS TICKETS
203a
THEATER TICKETS
203b
AIRLINE TICKETS
203c
LOTTO TICKETS
203d

Fig. 3

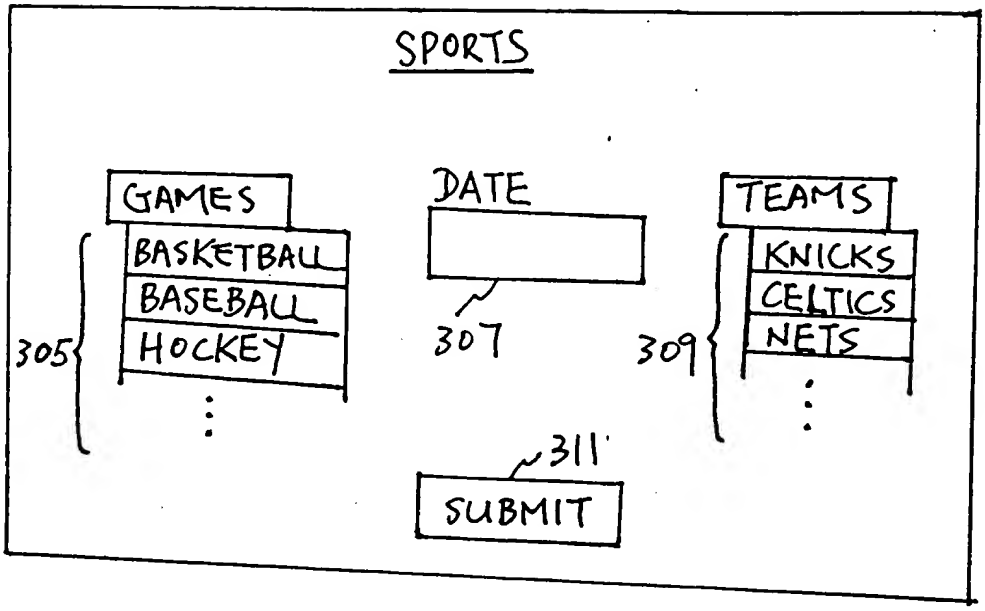

SPORTS
GAMES
BASKETBALL
BASEBALL
HOCKEY
305
DATE
307
TEAMS
KNICKS
CELTICS
NETS
309
311
SUBMIT

Fig. 4

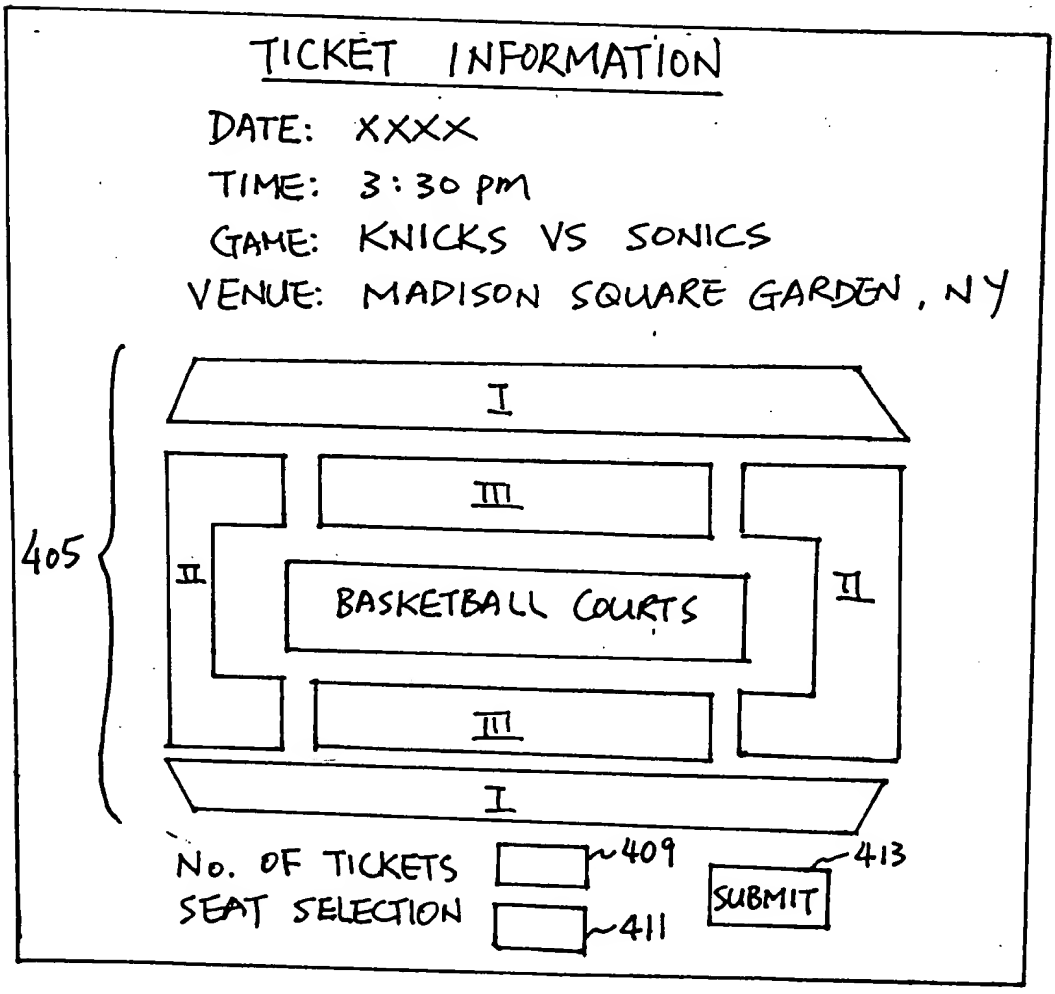

TICKET INFORMATION
DATE: XXXX
TIME: 3:30 pm
GAME: KNICKS VS SONICS
VENUE: MADISON SQUARE GARDEN, NY
405
I
III
II
BASKETBALL COURTS
II
III
I
No. OF TICKETS
409
SEAT SELECTION
411
SUBMIT
413

Fig. 5

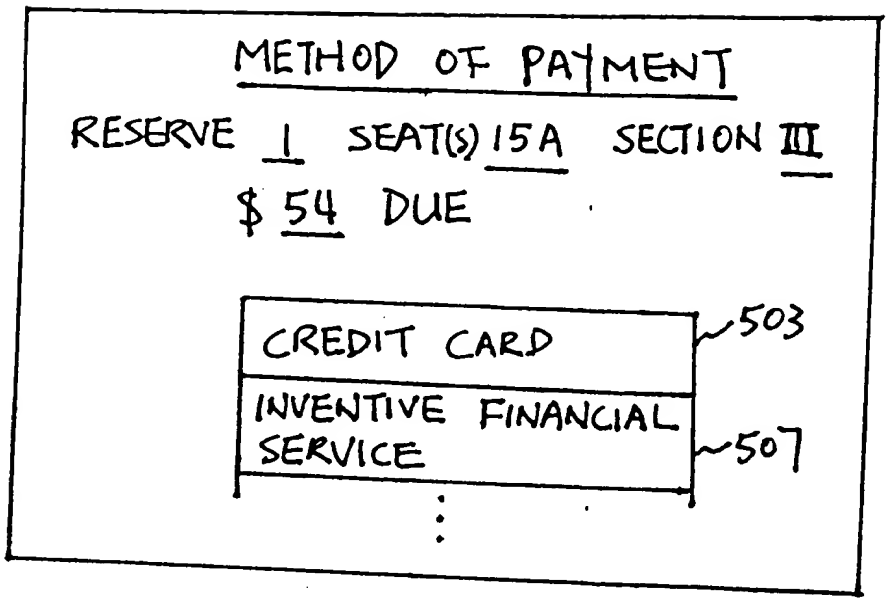

METHOD OF PAYMENT
RESERVE 1 SEAT(S) 15A SECTION III
$ 54 DUE
CREDIT CARD
503
INVENTIVE FINANCIAL SERVICE
507

Fig. 6

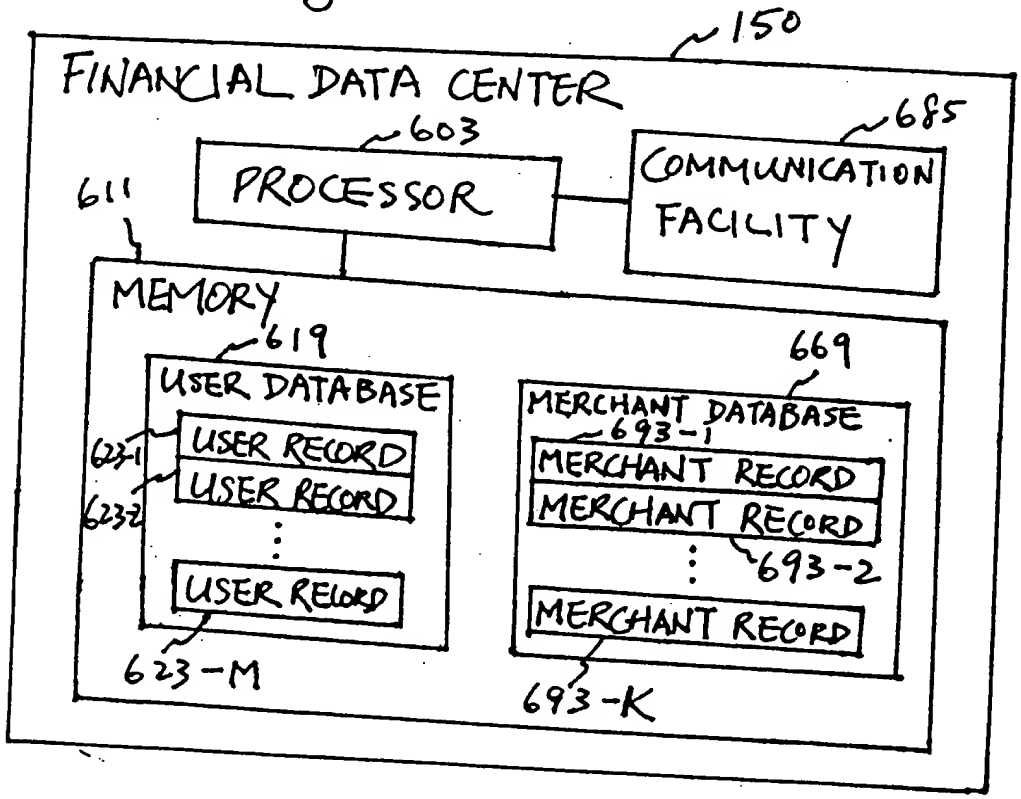

150
FINANCIAL DATA CENTER
603
PROCESSOR
685
COMMUNICATION FACILITY
611
MEMORY
619
USER DATABASE
623-1
USER RECORD
623-2
USER RECORD
USER RECORD
623-M
669
MERCHANT DATABASE
693-1
MERCHANT RECORD
MERCHANT RECORD
693-2
MERCHANT RECORD
693-K

Fig. 7

700

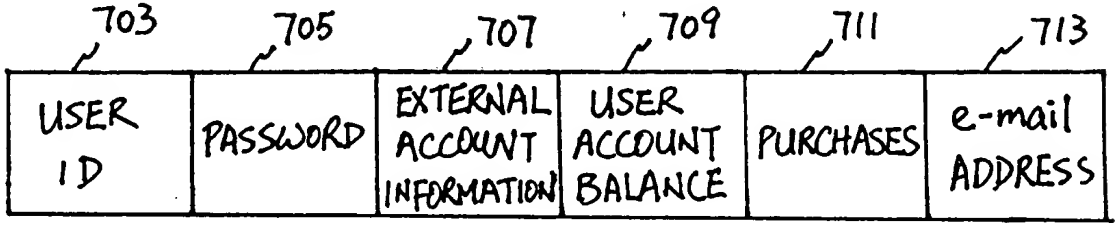


Fig. 8

800

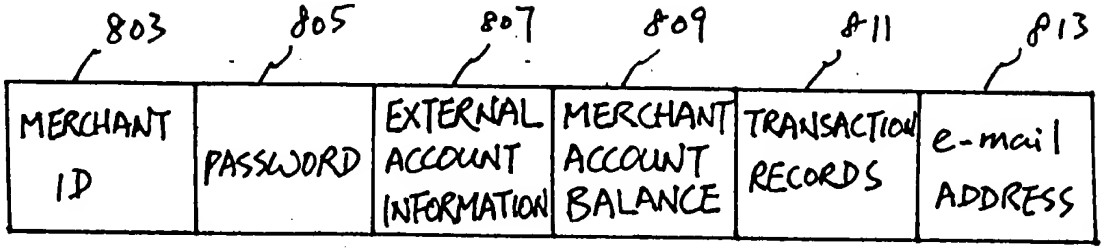


Fig. 9

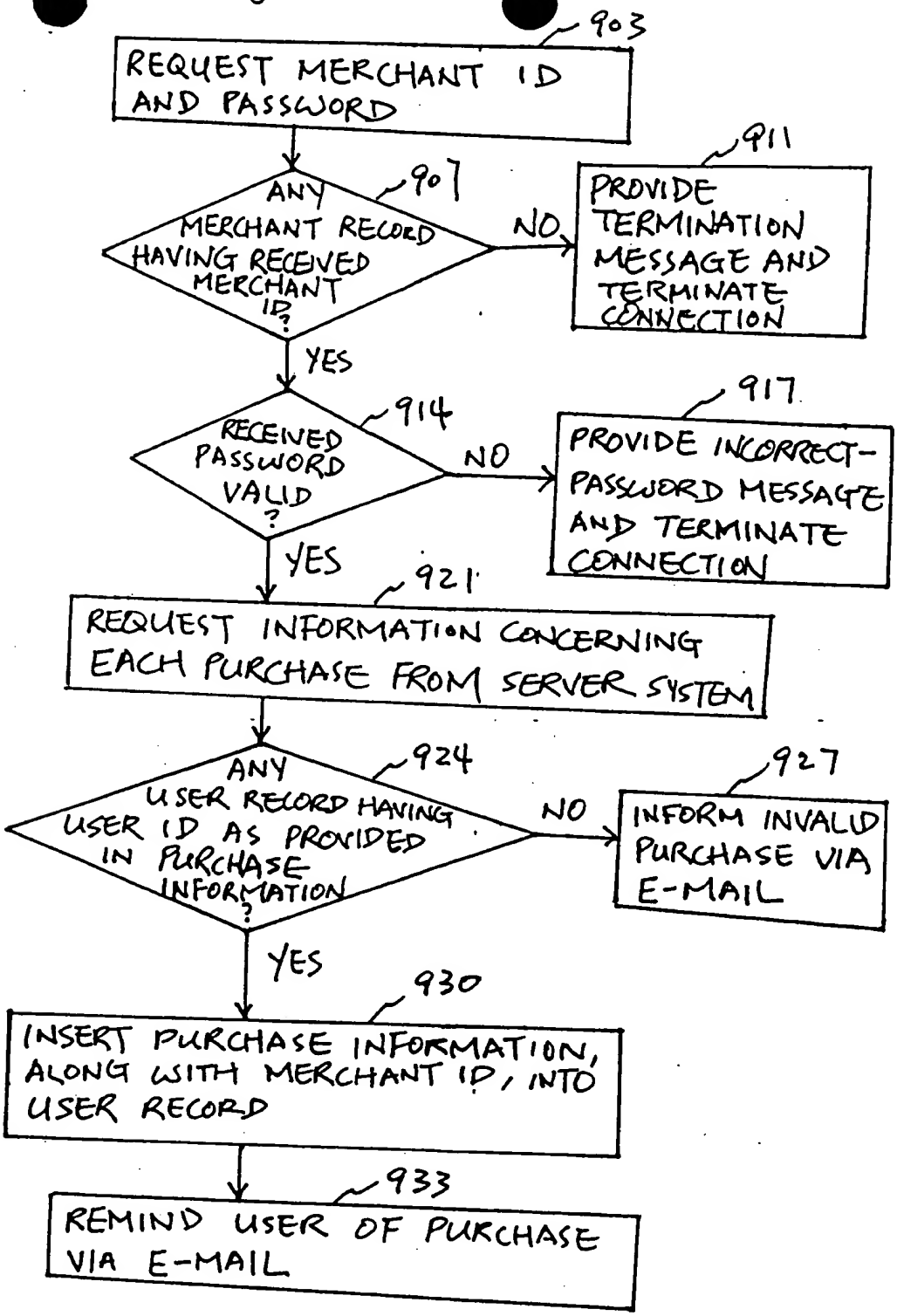

903
REQUEST MERCHANT ID AND PASSWORD
907
ANY MERCHANT RECORD HAVING RECEIVED MERCHANT ID?
NO
911
PROVIDE TERMINATION MESSAGE AND TERMINATE CONNECTION
YES
914
RECEIVED PASSWORD VALID?
NO
917
PROVIDE INCORRECT-PASSWORD MESSAGE AND TERMINATE CONNECTION
YES
921
REQUEST INFORMATION CONCERNING EACH PURCHASE FROM SERVER SYSTEM
924
ANY USER RECORD HAVING USER ID AS PROVIDED IN PURCHASE INFORMATION?
NO
927
INFORM INVALID PURCHASE VIA E-MAIL
YES
930
INSERT PURCHASE INFORMATION, ALONG WITH MERCHANT ID, INTO USER RECORD
933
REMIND USER OF PURCHASE VIA E-MAIL

Fig. 10A

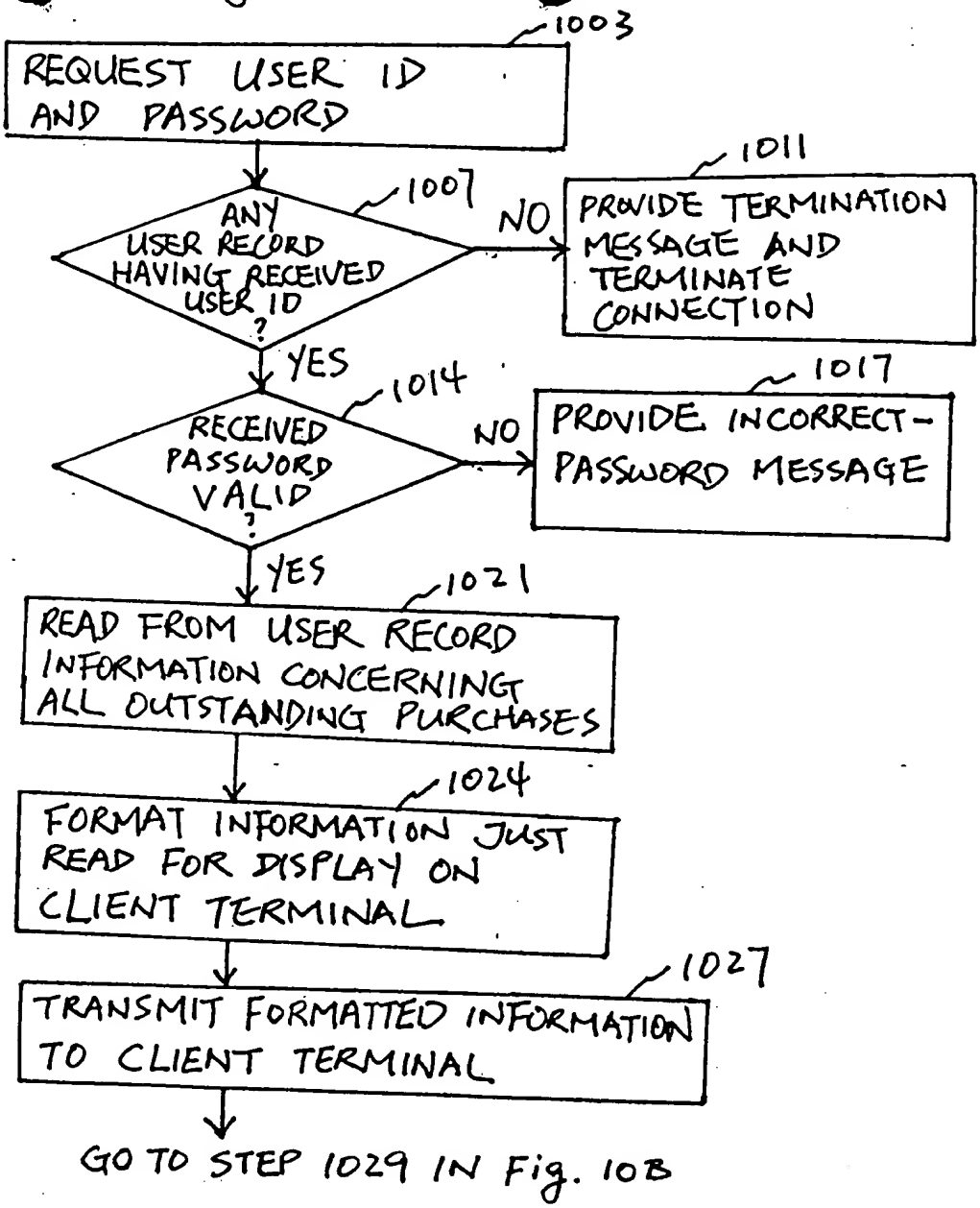

1003
REQUEST USER ID AND PASSWORD
1007
ANY USER RECORD HAVING RECEIVED USER ID ?
NO
1011
PROVIDE TERMINATION MESSAGE AND TERMINATE CONNECTION
YES
1014
RECEIVED PASSWORD VALID ?
NO
1017
PROVIDE INCORRECT-PASSWORD MESSAGE
YES
1021
READ FROM USER RECORD INFORMATION CONCERNING ALL OUTSTANDING PURCHASES
1024
FORMAT INFORMATION JUST READ FOR DISPLAY ON CLIENT TERMINAL
1027
TRANSMIT FORMATTED INFORMATION TO CLIENT TERMINAL
GO TO STEP 1029 IN Fig. 10B

Fig. 10B

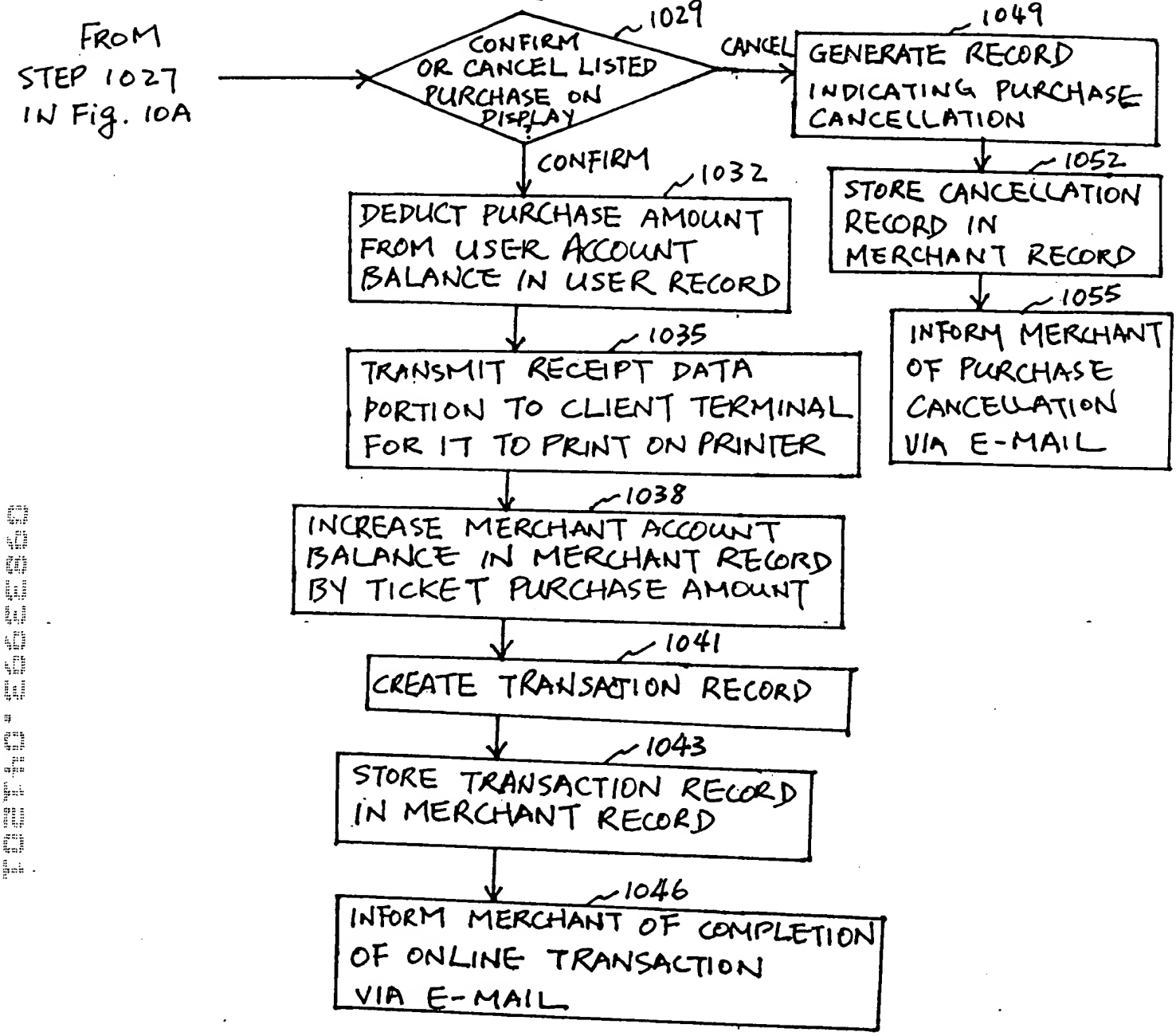

FROM STEP 1027 IN Fig. 10A
1029
CONFIRM OR CANCEL LISTED PURCHASE ON DISPLAY
CANCEL
CONFIRM
1049
GENERATE RECORD INDICATING PURCHASE CANCELLATION
1052
STORE CANCELLATION RECORD IN MERCHANT RECORD
1055
INFORM MERCHANT OF PURCHASE CANCELLATION VIA E-MAIL
1032
DEDUCT PURCHASE AMOUNT FROM USER ACCOUNT BALANCE IN USER RECORD
1035
TRANSMIT RECEIPT DATA PORTION TO CLIENT TERMINAL FOR IT TO PRINT ON PRINTER
1038
INCREASE MERCHANT ACCOUNT BALANCE IN MERCHANT RECORD BY TICKET PURCHASE AMOUNT
1041
CREATE TRANSACTION RECORD
1043
STORE TRANSACTION RECORD IN MERCHANT RECORD
1046
INFORM MERCHANT OF COMPLETION OF ONLINE TRANSACTION VIA E-MAIL

Fig. 11

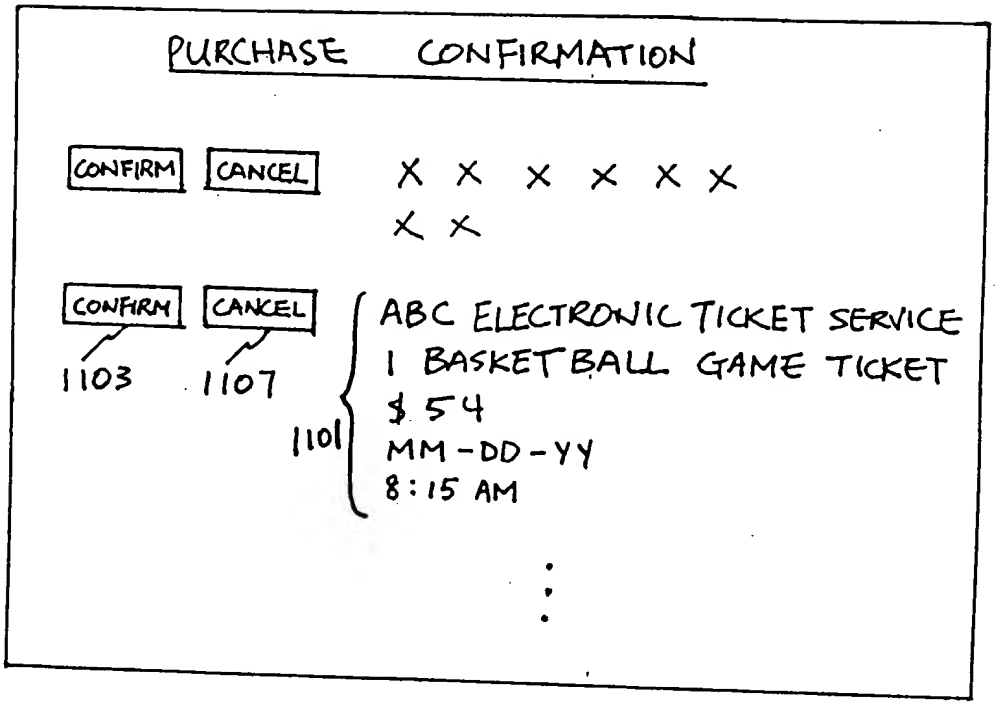
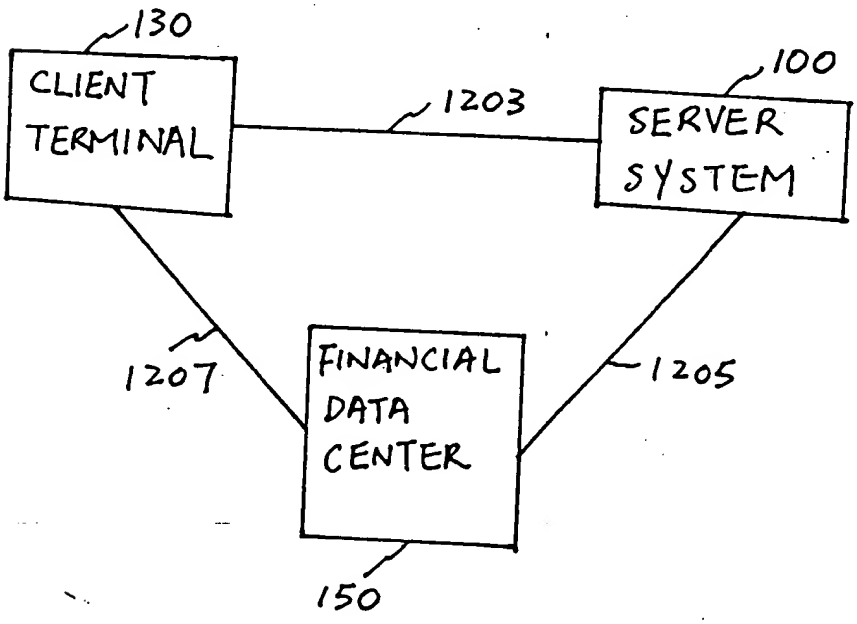

PURCHASE CONFIRMATION
CONFIRM
CANCEL
X X X X X X
X X
CONFIRM
CANCEL
1103
1107
1101
ABC ELECTRONIC TICKET SERVICE
1 BASKETBALL GAME TICKET
$ 54
MM-DD-YY
8:15 AM

Fig. 12


130
CLIENT TERMINAL
1203
100
SERVER SYSTEM
1207
FINANCIAL DATA CENTER
1205
150